

Claims

- 5 1. An antistatic pressure-sensitive adhesive tape of multilayer construction from a carrier layer and at least one pressure-sensitive adhesive layer, characterized in that the pressure-sensitive adhesive tape comprises at least one additional electrically conductive layer between the carrier layer and a pressure-sensitive adhesive layer.
- 10 2. The antistatic pressure-sensitive adhesive tape of claim 1, characterized in that the electrically conductive layer comprises electrically conductive particles, preferably of metal, electrically doped materials or electrically conductive polymers.
- 15 3. The antistatic pressure-sensitive adhesive tape of claim 1, characterized in that the electrically conductive layer comprises electrically conductive materials, preferably electrically doped materials, electrically conductive polymers or electrically conductive organic salts, in an amount of preferably 5% to 60%, more preferably 10% to 50% by weight.
- 20 4. The antistatic pressure-sensitive adhesive tape of any one of claims 1 to 3, characterized in that the electrically conductive layer comprises electrically conductive conjugated polymers, especially 3,4-PEDT.
- 25 5. The antistatic pressure-sensitive adhesive tape of any one of claims 1 to 4, characterized in that the pressure-sensitive adhesive layer comprises a polyacrylate pressure-sensitive adhesive, based preferably on methacrylate.
- 30 6. The antistatic pressure-sensitive adhesive tape of any one of claims 1 to 5, characterized in that the pressure-sensitive adhesive layer exhibits a shrinkback.
- 35 7. The antistatic pressure-sensitive adhesive tape of any one of claims 1 to 6, characterized by the following multilayer construction:
pressure-sensitive adhesive layer/carrier layer/pressure sensitive adhesive layer.

8. The antistatic pressure-sensitive adhesive tape of any one of claims 1 to 6, characterized by the following multilayer construction:

pressure-sensitive adhesive layer/electrically conductive layer/carrier layer/electrically conductive layer/pressure sensitive adhesive layer.

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9. The antistatic pressure-sensitive adhesive tape of any one of claims 1 to 6, characterized by the following multilayer construction:

pressure-sensitive adhesive layer/electrically conductive layer/carrier layer/pressure sensitive adhesive layer.

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10. The use of the antistatic pressure-sensitive adhesive tape of any one of claims 1 to 9 for producing punched products.